

Abstract

[0026] The invention is directed to an optical system with reduced chromatic aberration, particularly for use in microscopes for imaging the light source in the aperture diaphragm of a condenser. According to the invention, an adapter assembly (1) is associated with a collector assembly (2). The adapter assembly (1) has an apochromaticizing action and substantially reduces the chromatic aberration of the collector assembly (2) and accordingly achieves the high aperture required on the lamp side for achieving high efficiency.